STATE OF OHIO - DEPT. OF HIGHWAYS
BUREAU OF BRIDGES

CONCRETE AND STONE MASONRY BRIDGES

DATE 2-6-62

ACME 14802-8

TYPE OF BRIDGE: Twin Con't. Conc. Slab
NO. OF SPANS: 4 ea.
DATE BUILT: 1958
APPROX. SAFE LOAD CAPACITY: CF= 2,000 (51) H5-8.4, 140% ('87) (L+R)

CLEAR SPAN	LENGTH OUT TO OUT OF FLOOR	WIDTH BETWEEN CURBS	WIDTH OUT TO OUT	WIDTH OF SIDEWALKS	HEIGHT OF FLOOR ABOVE BRIDGE SEAT	ROADWAY CLEARANCE MAX. HEIGHT / WIDTH / MIN. HEIGHT	PROVISION FOR EXPANSION
2@32' } ea. br. 2@39.5' }	154'-6" (ea.)	~~30'-0"~~ 36'-0" (ea.)	~~36'-9"~~ 38'-10" (ea.)	~~0"~~ (ea.)	18¾"	Open	—

TYPE OF RAILING: ~~AR-1-57 Type "A"~~ 32" N.J.
TYPE AND SIZE OF CURB: ~~10" high with 3" slope~~
TYPE AND THICKNESS OF WEARING SURFACE: 1¼ Mono. Wear. Surf. + 2" MICRO SILICA, RT & LF
DESCRIPTION OF FLOOR DRAINAGE: 10 @ 4" ø cast iron or wrought iron scuppers in each gutter
ALIGNMENT AND SKEW OF STRUCTURE: Tan. 1°-24' R.F.
APPROACH SLABS: AS-1-54 LENGTH: 25'
LIGHTING SYSTEM: —

STREAM

CHANNEL CHARACTERISTICS: B&O R.R. & Twp. Rd. 327
APPROX. WIDTH BETWEEN BANKS:
CHANNEL DEPTH:
HEIGHT FROM GRADE TO STREAM BED: E.Gr. 971.23 EB; 972.14 WB
NATURE OF BOTTOM:
HEIGHT FROM GRADE TO HIGH WATER: —
CONDITION OF BANKS:
ALIGNMENT OF STREAM ABOVE AND BELOW STRUCTURE:
SKEW OF NORMAL FLOW:
SKEW OF FLOOD FLOW:

CONCRETE SLAB

STD. DRAWING NO.

THICKNESS OF SLAB: 18¾" (incl's. 1" Mono. Wear. Surf.)
½" conc. cover added to bottom of slab in span 3
Spans (ea. br.) 34'; 42.5'; 42.5'; 34'

CONCRETE BEAM

STD. DRAWING NO.

NO. OF BEAMS	SPACING OF BEAMS	WIDTH OF BEAMS	HEIGHT OF BEAM INCLUDING SLAB	THICKNESS OF SLAB

CONCRETE GIRDER

STD. DRAWING NO.

WIDTH OF GIRDER	DEPTH OF GIRDER AT CENTER	DEPTH OF GIRDER AT ENDS	FLOOR BEAMS SIZE	FLOOR BEAMS SPACING	THICKNESS OF FLOOR SLAB

ARCHES

STD. DRAWING NO.

MATERIAL:
TYPE:
SHAPE:
TYPE OF RAIL OR PARAPET:

CLEAR SPAN	RISE	CROWN THICKNESS	SPRING THICKNESS	FILLING MATERIAL	DEPTH OF FILL AT CROWN	HEIGHT OF PARAPET ABOVE GRADE

4503813
LIC-070R-1781

~~4503848~~
~~LIC-070R-1781 R~~

SUB-STRUCTURE

STD. DRAWING NO.

ABUTMENTS AND PIERS	MATERIAL	TYPE	HEIGHT FOOTER TO BRIDGE SEAT	WIDTH OF BRIDGE SEAT	LENGTH OF BRIDGE SEAT	FOUNDATIONS (PILING)	WINGS (LENGTHS, ANGLES ETC.)
REAR	Concrete	Capped Pile		1'-3"	~~36'-6⅝"~~	7-12" ø I R.C.- 27'	3.0'@0°; 3.0'@0°
FORWARD	do	do	see	do	do	7- do -27'	do ; do
PIER	do	Solid "T" Shaped	back	3'-0"	~~35'-6"~~	12- do -25'	
PIER	do	do		do	do	12- do -25'	
	do	do		do	do	12- do -25'	

Rr. Br. Sta. 289+06.15 = 18.680
℄ Br. (on ℄ Survey) Sta. 989+82.50

BRIDGE NO.	COUNTY	ROUTE NO.	S.H. NO.	SECTION	STRENGTH H10	H12	H15	H20	ROADWAY 15-18	19-22	23+	CLEARANCE 12—	12-14	14+	OPEN	TYPE A	B	G	S	T
LIC-70-1781	Licking	70																	15	